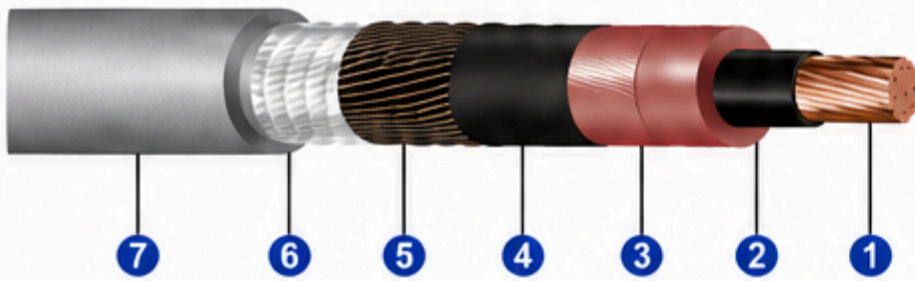
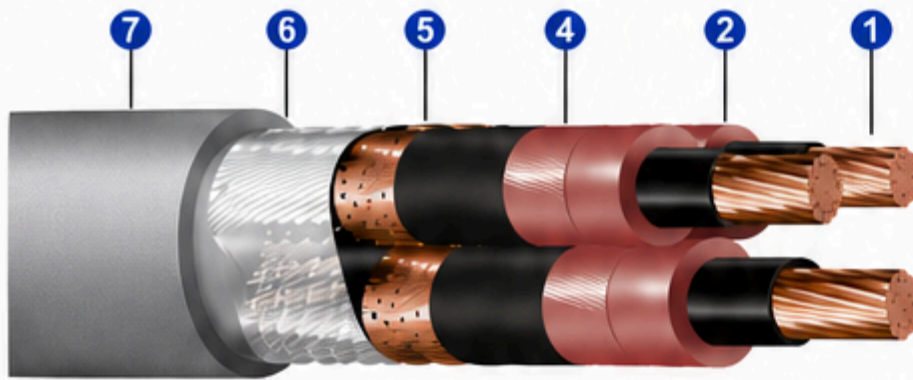


Single



Three-core (Multiple)



### CONSTRUCTION

- 1 Conductor:** Bare electrolytic copper, soft temper, compacted circular stranded (Class 2).
- 2 Conductor Shield:** Semi-conducting thermoset compound.
- 3 Insulation:** High modulus EPR 90 °C thermoset rubber compound.
- 4 Insulation Shield:** Semi-conducting thermoset compound layer, easy to remove when cold.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, applied helically covering 100% of the cable.
- 7 Outer Sheath:** Halogen-free thermoplastic compound (SHF1), flame retardant, low smoke and low toxic gas emission.

### IDENTIFICATION

Cables with 3 conductors, cores identification by means of tape in the colors white, blue and red.

### APPLICATION

The modern technology used in the manufacture of **Atox Slim 90 cables** provides an excellent technical and very economical alternative for electrical installations in buildings where there is a large concentration of people (examples: airports, tunnels, hospitals, residential and commercial buildings such as: hotels, cinemas, shopping centers, theaters) and in the event of fire, evacuation of the area is long and difficult (these areas are classified as BD2, BD3 and BD4, according to ABNT NBR 5410 and ABNT NBR 13570). They can be installed outdoors, in conduits, ducts, trays or directly buried.

### PACKAGING

They are normally supplied on wooden drums.

### STANDARDS

**ABNT NBR 16132** Power cables, halogen-free, low smoke emission, insulated, sheathed, for rated voltages from 3 kV to 35 kV – Performance requirements

### CABLE ATOX SLIM 90 (15/25 kV)

Reference	Conductor		Insulation		Number of conductors	Outer sheath		Total weight (kg/km)
	Nominal cross section (mm <sup>2</sup> )	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)		Nominal thickness (mm)	Nominal diameter (mm)	
3732.01.015	35	7,10	6,2	20,7	1	1,6	26,6	189
3732.03.015					3	2,6	58,0	679
3732.01.016	50	8,30	5,5	20,5	1	1,6	26,2	186
3732.03.016					3	2,6	57,2	669
3732.01.017	70	9,60	5,5	21,8	1	1,7	27,9	210
3732.03.017					3	2,7	60,5	735
3732.01.018	95	11,3	5,5	23,5	1	1,7	29,6	224
3732.03.018					3	2,9	64,7	844
3732.01.019	120	12,7	5,5	24,9	1	1,8	31,2	250
3732.03.019					3	3,0	67,9	917
3732.01.020	150	13,8	5,5	26,0	1	1,8	32,3	259
3732.03.020					3	3,1	70,9	990
3732.01.021	185	15,5	5,0	27,7	1	1,9	34,2	289
3732.03.021					3	3,2	74,7	1.079
3732.01.022	240	18,4	5,0	29,6	1	1,9	35,7	303
3732.03.022					3	3,3	78,2	1.165
3732.01.023	300	20,5	5,0	31,7	1	2,0	38,4	343
3732.03.023					3	3,5	84,0	1.327
3732.01.024	400	23,3	5,0	34,5	1	2,1	41,4	389
3732.03.024					3	3,7	90,4	1.512
3732.01.025	500	26,4	5,0	37,6	1	2,2	44,7	441
3732.03.025					3	3,9	97,5	1.721